Wi-Fi CERTIFIED® Certificate

This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: www.wi-fi.org

Certification ID: WFA124155

Product Info

Date of Certification	December 8, 2022
Company	Motorola Mobility LLC
Product Name	XT2331-3
Product Model Variant	XT2331-3 - Android 13.0
Model Number	XT2331-3
Category	Phones
Sub-category	Smartphone

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Wi-Fi Protected Setup™
Alternative topologies	TDLS Wi-Fi Direct®
Network management	WMM® Wi-Fi Agile Multiband™ Wi-Fi Optimized Connectivity™ 2020 Wi-Fi QoS Management™
Security	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2021-01 WPA3™-Enterprise 2020-02 WPA3™-Personal 2022-06
Wi-Fi (MAC/PHY)	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n

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Wi-Fi CERTIFIED® Certificate

Certification ID: WFA124155

Role: Access Point

Wi-Fi Components

Wi-Fi Component Operating System

Android T

Wi-Fi Component Firmware

t-neptune-main-soc2_2-2118-MOET_SOC2_2_E1_MT6631_ASIC_MINIROM-20220511152900

RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	1	1
5 GHz	1	1

Certifications

2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz

5 GHz Spectrum Capabilities

20 MHz Channel Width in 5 GHz
40 MHz Channel Width in 5 GHz
80 MHz Channel Width in 5 GHz

Protected Management Frames

WMM®

WPA2™-Personal 2021-01

WPA3™-Personal 2022-06

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU
MCS 8-9 Rx
Short Guard Interval

Wi-Fi CERTIFIED™ ac (continued)

SU beamformer

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

OBSS on Extension Channel
Short Guard Interval
A-MPDU Tx

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Wi-Fi CERTIFIED® Certificate

Certification ID: WFA124155

Role: Station

Wi-Fi Components

Wi-Fi Component Operating System

Android T

Wi-Fi Component Firmware

t-neptune-main-soc2_2-2118-MOET_SOC2_2_E1_MT6631_ASIC_MINIROM-20220511152900

RF Architecture

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Certifications

2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz

5 GHz Spectrum Capabilities

20 MHz Channel Width in 5 GHz
40 MHz Channel Width in 5 GHz
80 MHz Channel Width in 5 GHz

Protected Management Frames

TDLS

WMM®

WPA2™-Enterprise 2018-04

EAP methods
- EAP AKA
- EAP AKA Prime
- EAP SIM
- EAP TLS
- EAP TTLS
- PEAPv0

WPA2™-Enterprise 2018-04 (continued)

- PEAPv1

WPA2™-Personal 2021-01

WPA3™-Enterprise 2020-02

EAP methods
- EAP AKA
- EAP AKA Prime
- EAP SIM
- EAP TLS
- EAP TTLS
- PEAPv0
- PEAPv1

Server Certificate Validation

WPA3™-Personal 2022-06

Wi-Fi Agile Multiband™

ANQP-based Neighbor report
Beacon Report Measurement Active Mode
Beacon Report Measurement Passive Mode

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Wi-Fi CERTIFIED® Certificate

Certification ID: WFA124155

Role: Station

Wi-Fi Agile Multiband™ (continued)

BTM Query
Cellular Data capable

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU
MCS 8-9 Rx
Short Guard Interval
STBC
SU beamformee

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

A-MPDU Tx
HT Duplicate Mode
OBSS on Extension Channel
Power Management
Short Guard Interval
STBC

Wi-Fi Direct®

Wi-Fi Optimized Connectivity™ 2020

Pushbutton

Wi-Fi Protected Setup™

Wi-Fi Protected Setup™ (continued)

PIN
Pushbutton

Wi-Fi QoS Management™

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